

Grantee: New Orleans, LA

Grant: B-13-MS-22-0002

July 1, 2017 thru September 30, 2017 Performance Report



Grant Number:

B-13-MS-22-0002

Obligation Date:**Award Date:****Grantee Name:**

New Orleans, LA

Contract End Date:**Review by HUD:**

Original - In Progress

Grant Award Amount:

\$141,260,569.00

Grant Status:

Active

QPR Contact:

No QPR Contact Found

LOCCS Authorized Amount:

\$141,260,569.00

Estimated PI/RL Funds:**Total Budget:**

\$141,260,569.00

Disasters:**Declaration Number**

No Disasters Found

Narratives**Executive Summary:**

New Orleans(NOLA) shares with the overall region the physical risks of subsidence, coastal flooding, flooding from intense rainfall events, and loss of power and damage from high-speed wind events. These shocks are exacerbated by the physical stresses of coastal erosion and sea level rise which compound the risk of coastal storm. However, NOLA's resilience needs differ from much of the region in that its social stresses are more extreme. This raises the importance of connecting NOLA's physical resilience with its social resilience by focusing on how flood risk is a matter of environmental justice and how the economic growth potential of physical adaptation can be a driver for building income equality and employment opportunity. Building off of the work of the city's recently released resilience strategy for the city, Resilient New Orleans: Strategic actions to shape our future city, as well as a decade of recovery and resilience planning, the NOLA approach is grounded in the belief that the positive transformation of urban social and physical networks is indelibly linked to local geography and history as a delta city. Future outcomes of improved quality of life, economic prosperity, and reduced disaster risk, particularly for vulnerable communities, will be realized through a multi-faceted and integrated approach for reshaping the urban delta represented in the following four initiatives: 1. Urban Water – transforming water from a threat into an asset in the public realm; 2. Community Adaptation – adapting private property for stormwater management; 3. Reliable Energy and Smart Systems – enhancing grid reliability and asset monitoring; 4. Workforce Development – training local residents in building the water infrastructure of the future city; New Orleans is using NDR funds to implement the city's first ever Resilience District in Gentilly. The area is a prime example of 20th century urban expansion into drained cypress swamps. In many ways, Gentilly is a microcosm of New Orleans and the greater region. Its history as a place of opportunity for low- and moderate-income households and people of color, combined with its elevated environmental risks, make it an ideal place to combine interventions that build equity, reduce risk, and adapt the city to its natural environment. The City of New Orleans is committed to working with community partners to foster widespread public engagement that facilitates community education, empowerment, and behavioral adaptation to help create a social commitment to resilience and "living with water" that is long lasting. Together, decisive and collective action on Urban Water, Community Adaptation, Reliable Energy and Smart Systems, and Workforce Development will assist our most vulnerable communities to meet critical challenges around flood risk, climate change, energy interruptions, and economic wellbeing at the household, district, and citywide levels while also providing a replicable template for other districts and cities. The goal of NDR- funded projects within the Gentilly Resilience District is not just to reduce risk but also to expand access to neighborhoods of opportunity. The New Orleans Affirmatively Fostering Fair Housing Plan (AFFH), adopted in May, 2017, highlights the goal of prioritizing public investments in transit, quality schools, housing, parks and other amenities in underserved communities. The NDR funded projects within this Action Plan seek to improve access to quality park spaces, transportation corridors, and provide quality of life improvements for a primarily low and moderate income community in N.O. that is currently underserved by these amenities. The plan's website: <https://www.nola.gov/community-development/documents/2016-updated-afh-plan-090516/afh-plan-090516-final/>.

MID-URN Areas:

In accordance with Appendix B of the NOFA, HUD has defined the MID target area as Orleans Parish. Orleans Parish (City of New Orleans) has remaining unmet recovery needs (URN) related to coastal erosion, energy supply and water management.

While the entire city of New Orleans is identified as the NDRC-eligible MID-URN area, this program is primarily focused on the Gentilly Resilience District, a sub-area within the MID-URN. The Gentilly sub-area of focus presents several unique conditions that demonstrate a concentration of the aforementioned unmet resilience needs and is a priority for building resilience, especially for low- and moderate-income (LMI) households. Situated between ridges that were naturally created thousands of years ago from the river and swamps that originally carved New Orleans' landscape, the sub-area contains neighborhoods that



sit between eight feet above sea level to eight feet below sea level. It contains roughly 11,000 households, 64% of which are homeowners. The entire area is 48% LMI, but where over 50% of NDR funds will be invested, in the lowest-lying neighborhoods, the LMI household percentage is 57%

Key Agencies, Partners, Positions, Personnel:

New Orleans has developed a seamless and coordinated structure for the management of federal funds from various sources that leverage one another to carry out the City's project portfolio. The City's Office of Community Development (OCD) manages all HUD funds, and when these funds are used as cost share or leverage to FEMA funds, or when they are employed for capital projects, OCD co-manages the planning, fiscal management, and reporting with the Project Delivery Unit within the Capital Projects Administration. The Capital Projects Administration and the Department of Public Works have been unified with the Sewerage and Water Board of New Orleans (SWBNO) via a cooperative endeavor agreement and co-location of project management staff. This allows New Orleans to deliver projects efficiently. New Orleans has the internal controls to assure quality and to comply with HUD financial and procurement regulations, as defined by 24 CFR 85.20(b)(3). The City's 2014 financial audit for fiscal year 2013 confirmed that HUD funds are under sound management, demonstrating the ability to maintain the highest standards of fiscal responsibility. OCD will coordinate with the Capital Projects Administration to manage the performance of all partners and sub-recipients that use NDR funds to ensure that they are budgeted, expended, and reported on in accordance with HUD guidelines and within the project timeline. The following individuals will guide the planning, design, and implementation of projects supported with NDR funds. The role each individual will play in carrying out NDR-funded projects follows their title. The working relationships among individuals and departments are further detailed in the organizational chart that follows.

- Cedric S. Grant – Executive Director, Sewerage and Water Board (SWBNO) & Manager of City Infrastructure: Capital and Infrastructure Management
- o Katie M. Dignan – Project Delivery Unit Manager: Capital and Infrastructure Budget and Grant Administration
- o Mark Jernigan – Director of Public Works: Project Management Supervision for Department of Public Works
- o Bruce Adams – Deputy General Superintendent Sewerage and Water Board: Project Management Supervision for Sewerage and Water Board
- o Vincent Smith – Director Capital Projects Administration: Project Management Supervision for Facilities
- o William Gilchrist – Director of Place-based Planning: Design Review for all projects and coordination with City Planning Commission
- o Robert Rivers – Director, City Planning Commission: Design Review for all projects and coordination with Place-based Planning
- Jeff Hebert – Chief Administrative Officer and Chief Resilience Officer, City of New Orleans: Project design, development, and engagement
- o Ellen Lee – Director, Office of Community Development: HUD Liaison
- o Natasha Muse – Director of Administrative Services OCD: Grant Administration
- o Charles Allen – Outreity Engagement and Awareness Building
- Brenda Breaux – Executive Director, New Orleans Redevelopment Authority (NORA): Program administration
- o Lois Colson – Program Manager, NORA: Program administration

The following are key NDR partners: Sewerage and Water Board of New Orleans (SWBNO). A public agency that owns and operates New Orleans' potable water supply, drainage system, and sewerage system, SWBNO has recently undertaken a massive \$3.3 billion capital improvement program to repair and upgrade this extensive, aging system along with \$2.5 million dedicated to green infrastructure. A cooperative endeavor ag

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$233,065,688.00
Total Budget	\$0.00	\$141,260,569.00
Total Obligated	\$0.00	\$141,260,569.00
Total Funds Drawdown	\$355,192.48	\$355,192.48
Program Funds Drawdown	\$355,192.48	\$355,192.48
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00



Progress Toward Required Numeric Targets

Requirement	Required	To Date
Overall Benefit Percentage (Projected)		100.00%
Overall Benefit Percentage (Actual)		100.00%
Minimum Non-Federal Match	\$0.00	\$0.00
Limit on Public Services	\$21,189,085.35	\$0.00
Limit on Admin/Planning	\$28,252,113.80	\$250,002.23
Limit on State Admin	\$0.00	\$250,002.23
Most Impacted and Distressed Threshold (Projected)	\$0.00	\$0.00

Progress Toward Activity Type Targets

Progress Toward National Objective Targets

National Objective	Target	Actual
Low/Mod	\$70,630,284.50	\$127,885,734.00

Overall Progress Narrative:

Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
CA2017, NDR Community Adaptation	\$41,351.50	\$5,900,000.00	\$41,351.50
LTC 2017, LTC-CNO Long Term Commitments	\$0.00	\$0.00	\$0.00
OV 2017, OV-CNO Outcome Values	\$0.00	\$0.00	\$0.00
PA2017, NDR Planning & Administration	\$250,002.23	\$13,374,835.00	\$250,002.23
RE2017, NDR Reliable Energy & Smart Systems	\$2,279.50	\$8,184,385.00	\$2,279.50
SL2017, SL-CNO Supporting Leverage	\$0.00	\$0.00	\$0.00
UW2017, NDR Urban Water	\$61,559.25	\$110,801,349.00	\$61,559.25
WD2017, NDR Workforce Development	\$0.00	\$3,000,000.00	\$0.00



Activities

Project # / Title: CA2017 / NDR Community Adaptation

Grantee Activity Number: RF2017

Activity Title: NDR Retrofit Private Properties

Activity Category:

Rehabilitation/reconstruction of residential structures

Project Number:

CA2017

Projected Start Date:

01/17/2017

Benefit Type:

Direct Benefit (Households)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Community Adaptation

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Jul 1 thru Sep 30, 2017

N/A

To Date

\$5,900,000.00

Total Budget

\$0.00

\$5,900,000.00

Total Obligated

\$0.00

\$5,900,000.00

Total Funds Drawdown

\$41,351.50

\$41,351.50

Program Funds Drawdown

\$41,351.50

\$41,351.50

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Provide LMI private property owners with improvement of their property with energy efficiency, stormwater management, home elevation and storm resilience features. Program Delivery costs are also included.

Location Description:

GPS Coordinates 30.013816,-90.060509

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	0	0/140

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	0	0/140
# of Singlefamily Units	0	0/140

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Households	0	0	0	0/20	0/120	0/140	0
# Owner Households	0	0	0	0/20	0/120	0/140	0

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: PA2017 / NDR Planning & Administration

Grantee Activity Number:	ADM2017
Activity Title:	NDR Administration

Activity Category:

Administration

Project Number:

PA2017

Projected Start Date:

01/17/2017

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Planning & Administration

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jul 1 thru Sep 30, 2017	To Date
Total Projected Budget from All Sources	N/A	\$7,063,028.45
Total Budget	\$0.00	\$7,063,028.45
Total Obligated	\$0.00	\$7,063,028.45
Total Funds Drawdown	\$250,002.23	\$250,002.23
Program Funds Drawdown	\$250,002.23	\$250,002.23
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Administrative activities associated with implementation of the NDR grant.

Location Description:

Activity Progress Narrative:

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: RE2017 / NDR Reliable Energy & Smart Systems

Grantee Activity Number:	ERM2017
Activity Title:	NDR Energy Redundancy & Monitoring

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2022

Completed Activity Actual End Date:
Responsible Organization:

City of New Orleans

Overall
Total Projected Budget from All Sources
Jul 1 thru Sep 30, 2017

N/A

To Date

\$1,190,178.00

Total Budget

\$0.00

\$1,190,178.00

Total Obligated

\$0.00

\$1,190,178.00

Total Funds Drawdown

\$400.00

\$400.00

Program Funds Drawdown

\$400.00

\$400.00

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Develop energy redundancy and monitoring systems at critical water infrastructure sites. By enabling public visibility and awareness on how energy is critical to urban systems like drainage and water treatment and to overall safety, New Orleans can continue building a culture of preparedness for future disasters. Performance measures will be updated within 90 days.

Location Description:

GPS Coordinates 29.958764,-90.128486

Activity Progress Narrative:
Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1



Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

	Low	Mod	Total	Low/Mod
# of Persons	98694	49140	284079	52.04

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number:	MG2017
Activity Title:	NDR Microgrids

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2022

Completed Activity Actual End Date:
Responsible Organization:

City of New Orleans

Overall
Total Projected Budget from All Sources
Jul 1 thru Sep 30, 2017

N/A

To Date

\$5,750,535.00

Total Budget

\$0.00

\$5,750,535.00

Total Obligated

\$0.00

\$5,750,535.00

Total Funds Drawdown

\$1,879.50

\$1,879.50

Program Funds Drawdown

\$1,879.50

\$1,879.50

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Design and install two localized microgrids, small backup electrical generation and distributions systems that disconnect from the traditional grid to operate autonomously and help mitigate the health and safety effects of outages. Performance measure will be updated within 90 days.

Location Description:

GPS Coordinates 30.004670,-90.038409

Activity Progress Narrative:
Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/100



Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	5990	3115	18150	50.17

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: UW2017 / NDR Urban Water

Grantee Activity Number:	BGC2017
Activity Title:	NDR Blue Green Corridors

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Urban Water

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Jul 1 thru Sep 30, 2017

N/A

To Date

\$45,244,000.00



Total Budget	\$0.00	\$45,244,000.00
Total Obligated	\$0.00	\$45,244,000.00
Total Funds Drawdown	\$350.00	\$350.00
Program Funds Drawdown	\$350.00	\$350.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Green corridors consist of wide bioswales in medians, new tree canopy and permeable sidewalks. Blue corridors consist of curb cuts that will allow stormwater from streets to be collected by enhancing existing wide medians.

Location Description:

GPS Coordinates 30.016742,-90.060658

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear miles of Public	0	0/5

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	2410	995	5540	61.46

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
Total Other Funding Sources	\$49,500,000.00



FEMA Public Assistance Funds	\$49,500,000.00
Total Other Funding Sources	\$49,500,000.00



Grantee Activity Number:	PNGI2017
Activity Title:	NDR Pontilly Neighborhood Green Infrastructure

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Urban Water

Projected End Date:

09/22/2022

Completed Activity Actual End Date:
Responsible Organization:

City of New Orleans

Overall
Total Projected Budget from All Sources
Jul 1 thru Sep 30, 2017

N/A

To Date

\$3,393,300.00

Total Budget

\$0.00

\$3,393,300.00

Total Obligated

\$0.00

\$3,393,300.00

Total Funds Drawdown

\$61,209.25

\$61,209.25

Program Funds Drawdown

\$61,209.25

\$61,209.25

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Integration of improvements to the Dwyer Canal with a network of green infrastructure interventions along streets, in alleyways and within vacant lots in the Pontchartrain Park and Gentilly Woods neighborhoods. Proposed accomplishments are measured by area not length.

Location Description:

GPS Coordinates 30.014976,-90.038283

Activity Progress Narrative:
Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/650000

Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

	Low	Mod	Total	Low/Mod
# of Persons	960	380	2345	57.14

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
FEMA Hazard Mitigation Funds	\$13,500,000.00
Total Other Funding Sources	\$13,500,000.00

